### (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

# (19) World Intellectual Property Organization International Bureau



## - 1 0.600 (0.000 (0.000) (0.000 (0.000) (0.000) (0.000) (0.000) (0.000) (0.000) (0.000) (0.000) (0.000) (0.000)

(43) International Publication Date 5 August 2004 (05.08.2004)

**PCT** 

## (10) International Publication Number WO 2004/065588 A1

(51) International Patent Classification7:

C12N 5/06

(21) International Application Number:

PCT/IN2003/000316

(22) International Filing Date:

18 September 2003 (18.09.2003)

(25) Filing Language:

English

(26) Publication Language:

1283/Del/2002

English

(30) Priority Data:

19 December 2002 (19.12.2002) IN

- (71) Applicants (for all designated States except US): DE-PARTMENT OF BIOTECHNOLOGY [IN/IN]; Block 2, 7th Floor, CGO Complex, Lodi Road, New Delhi 110 003 (IN). DECCAN COLLEGE OF MEDICAL SCIENCES AND ALLIED HOSPITALS [IN/IN]; Kanchanbagh, Hyderabad 500 058 (IN).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): VENKATESHAN, Vijaylakshmi [IN/IN]; Centre for Liver Research and Diagnostics, Deccan College of Medical Sciences and Allied Hospitals, Kanchanbagh, Hyderabad 500 058 (IN). BEGUM, Naseem [IN/IN]; Centre for Liver Research and Diagnostics, Deccan College of Medical Sciences and Allied Hospitals, Kanchanbagh, Hyderabad 500 058 (IN). KHAN, Aleem, Ahmed [IN/IN]; Centre for Liver Research and Diagnostics, Deccan College of Medical Sciences and Allied Hospitals, Kanchanbagh, Hyderabad 500 058 (IN). CAPOOR, Adarsh, Kumar [IN/IN]; Centre for Liver Research and Diagnostics, Deccan College

of Medical Sciences and Allied Hospitals, Kanchanbagh, Hyderabad 500 058 (IN). HABEEB, Mohammed, Aejaz [IN/IN]; Centre for Liver Research and Diagnostics, Deccan College of Medical Sciences and Allied Hospitals, Kanchanbagh, Hyderabad 500 058 (IN). HABIBULLAH, Chittoor, Mohammed [IN/IN]; Centre for Liver Research and Diagnostics, Deccan College of Medical Sciences and Allied Hospitals, Kanchanbagh, Hyderabad 500 058 (IN).

- (74) Agents: DAVAR, G., S. et al.; L.S. Davar & Co., Monalisa, Flats 1B & 1C, 17 Camac Street, Calcutta 700 017 (IN).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A PROCESS OF CHARACTERIZATION OF HEPATOCYTES FROM GOAT

(57) Abstract: Approcess for characterization of hepatocytes cells in goat comprising: Isolating goat hepatocytes characterizing the isolated hepatocytes y biochemical and molecular techniques to demonstrate the hepatic functions.